Sustainable Communities
Environmental Design Ideas for the Army

William Becker

U.S. Department of Energy

Topics

- "Sustainable Development": New standard for communities

- Pioneering practices around U.S.

- Ideas & resources for U.S. Army

"What's the use of running fast if you're not on the right road?" - Old German Proverb

A New Way of Thinking…

"The world we have created today as a result of our thinking thus far has problems which cannot be solved
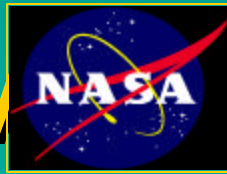by thinking the way we thought when we created them."
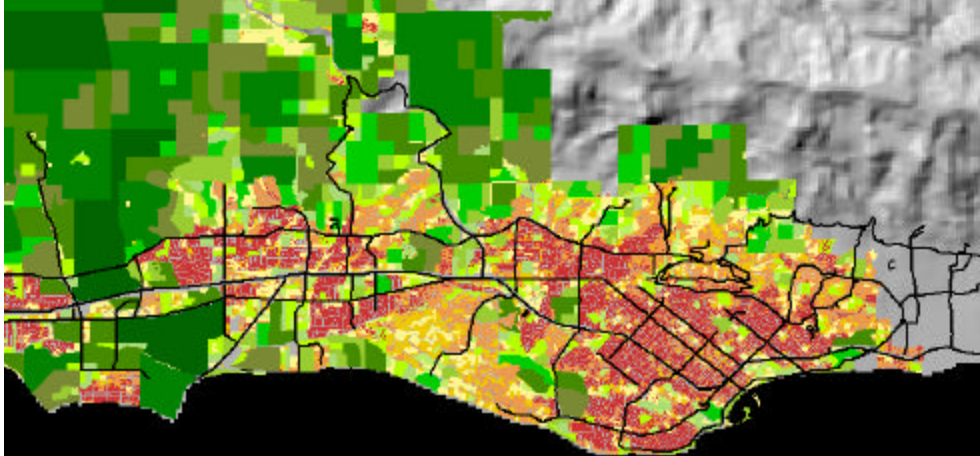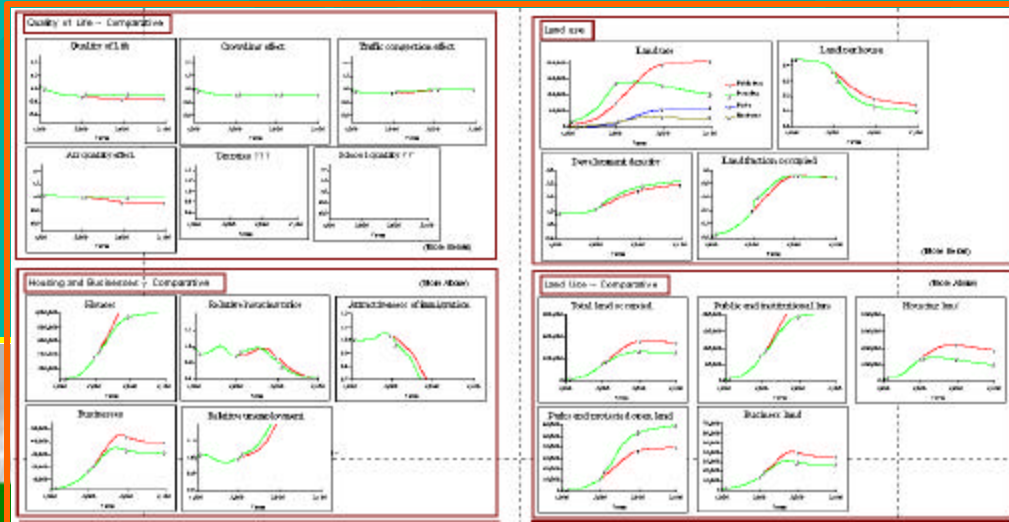
Albert Einstein

Pioneering Practices

U-Grow

Data from scenario runs can be output in several ways, from graphs to 2D GIS to 3D interactive "fly-thru"

Fly this in 3D ...

"Greening" the Army

- Decision-Support Tools
  - *Federal Energy Management Program*
  - *Software for hard decisions*
- Case studies
  - *Greening the Pentagon*
  - *Ft. Carson, Colorado*